

ABSTRACT OF THE INVENTION

[0044] A thoraco-lumbar spine support/brace for correcting lateral spinal alignment. The brace comprises a frame member defined by two elongate bracing rods extending vertically in generally parallel relation to one another on opposed sides of the body of the wearer that extend generally from the wearer's shoulders to pelvis. Extending across the uppermost ends of the bracing rods is a posterior traction belt. At least two anterior traction slings are provided that extend across an intermediate portion of the bracing rods. A pelvic arch is further provided that extends across the bottom-most ends of the opposed bracing rod members. The posterior traction belt, anterior traction slings and pelvic arch may all be selectively positioned to impart a desired physiological orientation of the wearer's spine, and can be utilized to treat a given condition such as abnormal thoracic kyphosis, pelvic inclination and lumbar lordosis.